INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/34097

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G05F 1/00; H02H 3/247 US CL : 315/291, 194, 224; 361/90, 94 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 315/291, 194, 224; 361/90, 94				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) NONE				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages			Relevant to claim No.
Y	US 5,452,173 A (BRANNON et al.) 19 September 1995 (19.09.1995), see entire document.			1-8
Y	US 5,521,491 A (NAJAM) 28 May 1996 (28.05.1996), see entire document.			1-8
Y	US 6,326,740 A (CHANG et al.) 04 December 2001 (04.12.2001), see entire document.			1-8
			·	<u> </u>
Furthe	er documents are listed in the continuation of Box C.		See patent family annex.	
* Special categories of cited documents: "T" later document published after the international filing date and not in conflict with the application but cited to				ation but cited to understand
	document defining the general state of the art which is not considered to be the principle or theory underlying the invention of particular relevance			
"E" earlier : date	ier application or patent published on or after the international filing		document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
	nt which may throw doubts on priority claim(s) or which is cited to 1 the publication date of another clintion or other special reason (as 4)	"Y"	document of particular relevance; the considered to involve an inventive ste- combined with one or more other such being obvious to a person skilled in the	when the document is a documents, such combination
"O" docume	nt referring to an oral disclosure, use, exhibition or other means .	"& "	document member of the same patent	
"P" document published prior to the international filing date but later than the				
Date of the actual completion of the international search		Date of mailing of the international search report		
16 May 2005 (16.05.2005) Name and mailing address of the ISA/US Authorized officer				
Mail Stop PCT, Army ISA/US				
Commissioner of Patents P.O. Box 1450				
Alexandria, Virginia 22313-1450 / Telephone No. (703) 308-0956				
Facsimile No. (703)305-3230				

Form PCT/ISA/210 (second sheet) (July 1998)